

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-314751

(43)Date of publication of application : 02.12.1998

(51)Int.Cl. C02F 1/48
C02F 1/46
C02F 1/68
C02F 1/68
C02F 1/68
C02F 1/68

(21)Application number : 09-125558

(71)Applicant : NIPPON KOKEN KK

(22)Date of filing : 15.05.1997

(72)Inventor : FUJISAKI KANEYASU

(54) WATER ACTIVATING DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To make clusters of water molecules small and improve the dissolving force of a substance by providing tourmaline pipes on the inner periphery of a synthetic pipe formed into the given length and disposing a plurality of permanent magnets of different magnetic poles disposed face to face on the outside of the synthetic resin pipes.

SOLUTION: A plurality of tourmaline pipes 8 are fixed on the inner periphery of a vinyl chloride pipe 2. Tourmaline pipes 8 are formed by molding fine powder of tourmaline ore into the cylindrical shape. A plurality of permanent magnets 9 of different polarities are disposed face to face on both sides of

the pipe 2. The permanent magnets 9 are composed of neodymium, iron, boron and the like. Ions are activated by the permanent magnets 9 and the molecular motion is activated. Also the permanent magnets 9 are positioned by a positioning plate 15 fixed on the inner side of a cylindrical body 7 formed of magnetic metal. The pipe 2 and the tourmaline pipes 8, therefore, are encircled and retained by the permanent magnets 9 and the cylindrical body 7.

